

Jackson, Susank

From: Jackson, Susank
Sent: Monday, April 01, 2013 8:58 AM
To: Dolan, Mary; Van Ness, Keith; Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com
Subject: RE: BCG report

OK, thank you for the clarification. If I understand you correctly then, you will be meeting with the planning board on Thursday, not the County Council.

Also, below is the URL for a document we produced in 2011 - A Primer on Using Biological Assessments to Support WQM. Chapter 1 provides an overview on biological assessments have been used by states and tribes. On page 5, under monitoring and assessment, we briefly refer to use of biological assessments by Maryland and Montgomery County.

Chapter 2 provides brief summary of the most recent biological methods and approaches including the biological condition gradient (Tool # 2).

Chapter 3 provides short case examples. Case example 3 highlights the use of the BCG by Pennsylvania to help identify high quality waters and potentially provide special protection. I thought this case example might be relevant for your purposes. Additionally, case examples 1 and 3 highlight Maine and Ohio use of a BCG approach to refine their designated alus to protect high quality waters and set attainable levels of protection for degraded waters. If you would like, I have bound copies of the Primer and can provide to you.

http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/upload/primer_update.pdf

Susan Jackson

From: Dolan, Mary [mary.dolan@montgomeryplanning.org]
Sent: Monday, April 01, 2013 8:36 AM
To: Jackson, Susank; Van Ness, Keith; Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com
Subject: RE: BCG report

FYI. Our work is currently being reviewed by the Planning Board in preparation for their recommendations to the County Council. Most of the County Council sessions will be held in the Fall and Winter. The Planning Board prepares a draft plan that is presented to the Council.

Mary

-----Original Message-----

From: Jackson, Susank [mailto:Jackson.Susank@epa.gov]
Sent: Monday, April 01, 2013 8:31 AM
To: Van Ness, Keith; Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com
Cc: Dolan, Mary; Dolan, Mary
Subject: BCG report

Mark and Keith, Good morning. I will be working with Greg Pond today on assembling a very preliminary report and draft powerpoint slides. Keith, we will use your photos but if there are any photos that Jeroen circulated last week that

you recommend, let us know. I do not want to get ahead of Greg on this, but we talked briefly last week and hope to get a draft to you by end of today and get your immediate feedback on whether the information, style and format is suitable for your purpose in communicating with the council and we are heading in the right direction.

Below is an URL for a fact sheet (a double sided one pager) that introduces some basic terms and concepts about biological assessments. This may be useful for communication with the council.

http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/upload/primer_factsheet.pdf

Susan Jackson

From: Jackson, Susank
Sent: Friday, March 29, 2013 12:27 PM
To: Van Ness, Keith; Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com
Cc: Dolan, Mary; Dolan, Mary
Subject: RE: Keith's mailbox is full RE: Question for Keith re availabilty of photos and prep of materials on BCG

Thanks Keith! Appreciate your rapid response with all that is going on at your end. I will follow up with Greg and Jeroen. Look forward to seeing the photos - we can work with those to see how we can incorporate them into a report and communications materials.

Susan

From: Van Ness, Keith [Keith.VanNess@montgomerycountymd.gov]
Sent: Friday, March 29, 2013 10:25 AM
To: Jackson, Susank; Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com
Cc: Dolan, Mary; Dolan, Mary
Subject: RE: Keith's mailbox is full RE: Question for Keith re availabilty of photos and prep of materials on BCG

Susan:

My email has been cleared out now - it fills up quickly.

Let me answer your questions and respond to them below. I am also including Mary Dolan in this email in case my responses need more information. Mary is putting all this information together for the presentation to the Planning Board and eventually to the County Council.

Also - thank all of you for this wonderful assistance! Listening to the spirited and lively discussions Wednesday and than seeing the consensus on the tier assignments based on expert insights and experience was remmarkable. I also do not see how Greg is still on his feet - I certainly was not at 100% Thursday.

Keith

From: Jackson, Susank [mailto:Jackson.Susank@epa.gov]
Sent: Fri 3/29/2013 9:36 AM
To: Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; Van Ness, Keith
Subject: Keith's mailbox is full RE: Question for Keith re availability of photos and prep of materials on BCG

Mark: My email to Keith was returned because his mailbox is full - so he has not received my inquiries re photos etc. I will be out this morning and Greg is the primary contact to avoid redundancy in calls and emails from two of us! I will follow up with Greg later today and will be working with him to develop a report and communication materials. Jeroen is writing up the fish break out session today.

Susan Jackson

From: Jackson, Susank
Sent: Friday, March 29, 2013 8:52 AM
To: Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov)
Subject: Question for Keith re availability of photos and prep of materials on BCG

Keith,

Greg, Jeroen and I have been corresponding about preliminary report and communication materials for next week.

Some questions that will help us target your needs:

- 1) Do you have any readily available photos of the sites that were evaluated - for a high quality site, such as one of the sentinel sites, a moderate condition site comparable to BCG level 4 and a more disturbed sites such as one of the sites rated 5 or 6? If so, could you send those to us? Yes, will send them Monday.
- 2) Are there key points you heard that you would like highlighted in the report or communication materials? Yes (in my opinion) Where does Ten Mile place in the tier assignments and reasons given by the expert panel, How has the BCG been used by others not only to assign tiers but to manage streams, discuss if they are trending downwards or upwards.
- 3) What are the key points you think the Council needs to hear? This was a pilot but expert consensus from state, federal and local experts agreed on where Ten Mile should be assigned within a tier, the possible trend they saw in the tier placement, how the BCG can be applied to manage and better understand streams, the community structure and function of the biological communities can help us understand the water quality of these streams.

4) Is MD DNR (Scott Stranko) following up with information for you re the Brook Trout and other key fishery/habitat considerations? If I recall correctly, at the end of the meeting on Wednesday he was discussing what they could do to support this effort and could provide you some key information. Yes - we will be following up with Scott and Matt Stover as well - I need to send Matt the Brook trout report from the 1980's or 90's

5) Can you share with us the agenda and materials you want to present to the county. Based on what I heard, the biological information is one aspect of a larger presentation. Having an understanding of overall approach and information to be presented will provide a helpful context - as in how this information fits into the whole story you and Mark are presenting. Susan - this should come from Mary Dolan and/or Mark. In the meantime you can glean the information presented on the web page they have put up about this effort.
http://www.montgomeryplanning.org/community/plan_areas/1270_corridor/clarksburg/clarksburg_lim_amendment.sh
tm

If this request is redundant with what you have heard from Greg, ignore and reply to him. We are working quickly and when that happens, there is a danger for bumping into each other! Nothing is redundant on this effort! The Council has put this on such a fast track, I am amazed that Mary, Val and Mark are still on their feet. To all - I am home today - my home number is 301-845-4450 if anyone needs a quick response as my typing is atrociously slow.

Susan Jackson

From: Pond, Greg
Sent: Thursday, March 28, 2013 1:34 PM
To: Jackson, Susank; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; mstover@mde.state.md.us; cluckett@mde.state.md.us; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov); efriedman@dnr.state.md.us; aleslie@umd.edu; ndziepak@dnr.state.md.us; cmswan@umbc.edu; agriggs@icprb.org
Subject: RE: BCG--3 more sites please?

Good question! This shouldn't take more than 5 minutes per site (15 total), so hopefully if folks can get these back to me by tomorrow (Friday), that would be best.

I think Epeorus, Sweltsa (and other chloroperlids) were the ones that might have persuaded a few of us to bump those 3+ to a ~2.

I got home at 11:30 last night, so from Silver Spring it took 6 hrs. Luckily no rain or snow.

Greg Pond

U.S. EPA Region III

Office of Monitoring and Assessment

Freshwater Biology Laboratory

1060 Chapline St.

Wheeling, WV 26003

Ph: 304-234-0243

pond.greg@epa.gov

From: Jackson, Susank

Sent: Thursday, March 28, 2013 12:56 PM

To: Pond, Greg; Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; mstover@mde.state.md.us; cluckett@mde.state.md.us; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov); efriedman@dnr.state.md.us; aleslie@umd.edu; ndziepak@dnr.state.md.us; cmswan@umbc.edu; agriggs@icprb.org

Subject: RE: BCG--3 more sites please?

Time frame? Today, tomorrow? Monday?

I am amazed at your commitment here, after driving 4 to 5 hours home last night.

Thank you Greg!

Also, there were two organisms that a number of the group mentioned they were looking for in order to consider a site at BCG level 2. Can you remind me what these organisms were? One of the reviewers (I think either Alan or Matt) mentioned they would expect to see at least 6 or 7 individuals in a BCG level 2 site.

Susan

From: Pond, Greg

Sent: Thursday, March 28, 2013 12:22 PM

To: Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; mstover@mde.state.md.us; cluckett@mde.state.md.us; Keith.VanNess (Keith.VanNess@montgomerycountymd.gov); efriedman@dnr.state.md.us; Jackson, Susank; aleslie@umd.edu; ndziepak@dnr.state.md.us; cmswan@umbc.edu; agriggs@icprb.org

Subject: BCG--3 more sites please?

Dear bug friends. Thanks you for your participation yesterday. I am sending 3 more sites. If you can, please take a look (remembering your process) and email me your tier choice and a brief description of why. You do not have to send me back the spreadsheet, just the tier and description for Samp021, 022, and 023.

Thank you!!

Greg Pond

U.S. EPA Region III

Office of Monitoring and Assessment

Freshwater Biology Laboratory

1060 Chapline St.

Wheeling, WV 26003

Ph: 304-234-0243

pond.greg@epa.gov

Jackson, Susank

From: Jackson, Susank
Sent: Monday, April 01, 2013 5:51 PM
To: Dolan, Mary
Subject: RE: Photos

I am adding some of the tables, hopefully will not blow it (I am not terribly skilled in inserting large tables) and then will send. So, you will likely see a very rough draft via your home email.
Susan

From: Dolan, Mary [mailto:mary.dolan@montgomeryplanning.org]
Sent: Monday, April 01, 2013 5:25 PM
To: Jackson, Susank; Pond, Greg
Cc: Symborski, Mark
Subject: RE: Photos

Susan-

I'm leaving soon, are you sending something today? I'll either look at it later this evening from home or early in the morning.

Mary

From: Van Ness, Keith [mailto:Keith.VanNess@montgomerycountymd.gov]
Sent: Monday, April 01, 2013 4:55 PM
To: Dolan, Mary; Jackson, Susank; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Still alive. Still here!

From: Dolan, Mary [mailto:mary.dolan@montgomeryplanning.org]
Sent: Monday, April 01, 2013 4:54 PM
To: Jackson, Susank; Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Mark and I are still in the office. I don't know about Keith.

Mary

From: Jackson, Susank [mailto:Jackson.Susank@epa.gov]
Sent: Monday, April 01, 2013 4:51 PM
To: Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Dolan, Mary; Symborski, Mark
Subject: RE: Photos

Hello Keith and Mark,

Greg and I are near finish with a very rough draft of the report. Greg just had his phone lines taken down (repair work) so he is offline at the moment. We are writing up results and at least bulleting key conclusions.

I can send to you all shortly if you are still in office. Would like your feedback on whether we are heading in the right direction. Or, if too late, can send first thing in the morning. We plan to revise and clean up this very preliminary report before sending to you at end of the day tomorrow but wanted some initial feedback.

Susan

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]

Sent: Monday, April 01, 2013 1:10 PM

To: Pond, Greg

Cc: Jackson, Susank; Curtis, Meosotis; Dolan, Mary; Symborski, Mark

Subject: Photos

Greg:

Here are some stream stations – hopefully they are illustrative of different habitat conditions. Bank001 – urban stream, img0059 – ag stream, hw308b – very nice stream, LSTM110 is a headwater stream in Ten Mile.

Keith

Jackson, Susank

From: Jackson, Susank
Sent: Monday, April 01, 2013 6:31 PM
To: Dolan, Mary
Subject: Just sent draft to Greg, he is going to do some more editing and then send to you within the hour, or so.

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Monday, April 01, 2013 5:25 PM
To: Jackson, Susank; Pond, Greg
Cc: Symborski, Mark
Subject: RE: Photos

Susan-

I'm leaving soon, are you sending something today? I'll either look at it later this evening from home or early in the morning.

Mary

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]
Sent: Monday, April 01, 2013 4:55 PM
To: Dolan, Mary; Jackson, Susank; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Still alive. Still here!

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Monday, April 01, 2013 4:54 PM
To: Jackson, Susank; Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Mark and I are still in the office. I don't know about Keith.

Mary

From: Jackson, Susank [<mailto:Jackson.Susank@epa.gov>]
Sent: Monday, April 01, 2013 4:51 PM
To: Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Dolan, Mary; Symborski, Mark
Subject: RE: Photos

Hello Keith and Mark,

Greg and I are near finish with a very rough draft of the report. Greg just had his phone lines taken down (repair work) so he is offline at the moment. We are writing up results and at least bulleting key conclusions.

I can send to you all shortly if you are still in office. Would like your feedback on whether we are heading in the right direction. Or, if too late, can send first thing in the morning. We plan to revise and clean up this very preliminary report before sending to you at end of the day tomorrow but wanted some initial feedback.

Susan

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]
Sent: Monday, April 01, 2013 1:10 PM
To: Pond, Greg
Cc: Jackson, Susank; Curtis, Meosotis; Dolan, Mary; Symborski, Mark
Subject: Photos

Greg:
Here are some stream stations – hopefully they are illustrative of different habitat conditions. Bank001 – urban stream, img0059 – ag stream, hw308b – very nice stream, LSTM110 is a headwater stream in Ten Mile.
Keith

Jackson, Susank

From: Jackson, Susank
Sent: Wednesday, April 03, 2013 12:22 PM
To: Dolan, Mary
Cc: Pond, Greg
Subject: RE: Please confirm you received the email with attachments

OK – I have to run out for a second but will draft something up for you to take a look at first thing this afternoon.

Greg – I will check in with you re presenting or combining macro and fish results on site assignments

Susan

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Wednesday, April 03, 2013 12:16 PM
To: Jackson, Susank
Subject: RE: Please confirm you received the email with attachments

The BCG graphic would be helpful. Thanks.

From: Jackson, Susank [<mailto:Jackson.Susank@epa.gov>]
Sent: Wednesday, April 03, 2013 12:14 PM
To: Dolan, Mary; Van Ness, Keith; Pond, Greg
Cc: Symborski, Mark; Reynolds, Louis
Subject: RE: Please confirm you received the email with attachments

Hello, I just got out of a long meeting and catching up on emails.

The slides in the BCG/IBI comparison show where the 10 Mile Creek slides fall – recalling from memory, they were in a good quality category.

There is text in the report that discusses 10 mile creek sites including the potential for reintroduction of brook trout.

I can place the 10 mile creek sites on a BCG graphic if you would like. Let me know.

Susan

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Wednesday, April 03, 2013 10:15 AM
To: Van Ness, Keith; Pond, Greg; Jackson, Susank
Cc: Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: RE: Please confirm you received the email with attachments

Thanks- I will see what I can pull from the slides.

Mary

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]
Sent: Wednesday, April 03, 2013 9:47 AM
To: Pond, Greg; Dolan, Mary; Jackson, Susank
Cc: Symborski, Mark; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: RE: Please confirm you received the email with attachments

If I can help let me know – I think you and Susan have earned several weeks of well deserved rest. Again – thanks for all of this work – the report exceeds everything that I had hoped for!

Thanks
Keith

From: Pond, Greg [<mailto:Pond.Greg@epa.gov>]
Sent: Wednesday, April 03, 2013 9:43 AM
To: Dolan, Mary; Jackson, Susank
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: RE: Please confirm you received the email with attachments

Mary, within the powerpoint sent (titled BCG and IBI correspondence) there is text describing aspects of TenMile Creek in relation to others (slides 3-5). If viewed as a slide show, the notes will not appear. Also in the conclusion of the report, I think bullet further 5 describes some rationale and evidence of why TMC is important and should be carefully planned. We intend to incorporate info from the data in the powerpoint slides into the report soon. Without a map, none of us ever saw the spatial context of where the 3 TMC sites were located (or any reach habitat or water chemistry data) so what we have elaborated upon is fairly basic (and without describing to you individual species level info filled with aquatic ecology jargon).

This is a final draft for now and we will send it out to all of the panelists for critical review. We will not be sending you any revisions until we've made them based on experts' review. We would like to add a lot more detail on TMC, but we as authors just didn't have anything else to go on from the quick workshop last week. At some point, it would be good to analyze data from several more subwatersheds within TMC to get a more complete picture.

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
1060 Chapline St.
Wheeling, WV 26003
Ph: 304-234-0243
pond.greg@epa.gov

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Wednesday, April 03, 2013 9:24 AM
To: Jackson, Susank; Pond, Greg
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: RE: Please confirm you received the email with attachments

I got it. Is this the final for now?

Please remember that the immediate use of this report (for Planning staff) is to understand the quality of the Ten Mile Creek sites in relation to the other sites and their place on the BCG. While I will be attaching the report, I only have one small paragraph relating to Ten Mile Creek from the report. I can prepare a map showing the location of the sites that were evaluated in the watershed, but I would like you to place the sites on the BCG continuum.

Can you elaborate a little on conditions in TMC and the differences between the mainstem sites 303band 304 and the King Tributary? You can do this outside the report.

Mary

From: Jackson, Susank [<mailto:Jackson.Susank@epa.gov>]
Sent: Wednesday, April 03, 2013 9:17 AM
To: Dolan, Mary; Pond, Greg
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Please confirm you received the email with attachments

I had a horrendous tussle with Workplace trying to get the draft report and attachments sent - took me 25 minutes to get this down between the system freezing and booting me out.

Please confirm if you have received the report and successful in opening.

Susan Jackson

From: Jackson, Susank
Sent: Wednesday, April 03, 2013 9:14 AM
To: Dolan, Mary; Pond, Greg
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Draft Report and attachments

Good morning. Attached is the draft report with two attachments (BCG and IBI comparison and Appendix B).

The report is preliminary. Your review comments are requested. We would like to finalize this report over the next month based on review by you and by the panelists.

Keith - can you review this report with a focus on the results and conclusions, provide us comments and then we can send to the expert panel for their review. Please email directly to Greg Pond and cc me. Greg is the "go to" technical person for this effort.

Both Greg and I will be available by email today if there are any changes or questions any of you on this draft. You may have some questions, edits or requests for further information for your meeting with the planning board tomorrow.

One last thing: If I recall correctly, there is a meeting next week. If you need a more final document by next week, please let us know. We can get the current draft cleaned abit more as well as the attachment formatted and incorporated directly into the body of the report. We would just need to know the timeframe.

Susan Jackson
US EPA Biological Criteria Program

Jackson, Susank

From: Jackson, Susank
Sent: Tuesday, April 02, 2013 2:14 PM
To: Dolan, Mary; Pond, Greg; Symborski, Mark; Van Ness, Keith
Cc: Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis; Pond, Greg
Subject: Some BCG slides that may be useful
Attachments: BCG_background slides for Mo Co.ppt; BCG.ppt

Mary, Mark and Keith:

Attached are some slides from previous use that you may find appropriate. Maine info and photos are shown but the basic info is relevant to Montgomery County (Mo Co). We can also replace and modify with Mo Co photos and examples.

Please take a look and let me know what might be useful. You are certainly welcome to extract what you want right now.

Two of the slides have animation (17 and last one).

Susan

From: Jackson, Susank
Sent: Tuesday, April 02, 2013 8:57 AM
To: Pond, Greg; Dolan, Mary
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Some edits on draft report_will follow up with Greg later this morning

Attached is a quick and dirty edited draft report - minor comments and an additional bullet for the conclusion. A few questions are in there for Greg or Keith. There are some placeholders for text to be added later today.

Preliminary feedback is requested from Keith, Mark and Mary whether the content and format of this report is what is needed. If there are key points and recommendations from the workshop that are missing and you think are needed, please specify. I can prepare a couple of slides today using the photos Keith provided if that is of help.

Also, supporting data for results needed to be added at some point, perhaps in appendix. For example, one of the results cites the before and after results for a few of the 10 mile sites. This additional work may need to be added following the initial draft to be provided to Montgomery County by COB today.

Greg: I will follow up with you later this morning.

Susan

From: Pond, Greg
Sent: Monday, April 01, 2013 8:23 PM
To: Dolan, Mary; Jackson, Susank
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Draft BCG report and Appendix B.

Mary, Mark, and Keith:

Attached is a rough draft report that Susan, Jeroen, and I have been working on. We basically ran out of steam for now, but will be interested in your feedback and additions that dovetail into something meeting expectations for your hopes for a BCG and Tenmile Creek in particular. There are numerous placeholders for more information we need to flesh out (and Keith, you will see your name mentioned a few times and highlighted in yellow!). We think it would be great to have site photos across the tiers with description of impervious area, etc., and then photos of key indicator taxa (e.g., Attributes I-III).

This has been a very interesting BCG exercise but we've never had to turn something around in a just a few days time like this. We would very much like to continue to work on BCG development for Montgomery Co., and this pilot has been a good start.

Please take a look and let us know where you'd like us to take this.

Greg

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
1060 Chapline St.
Wheeling, WV 26003
Ph: 304-234-0243
pond.greg@epa.gov

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Sent: Monday, April 01, 2013 5:25 PM
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Sent: Monday, April 01, 2013 4:55 PM
To: Dolan, Mary; Jackson, Susank; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

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Cc: Curtis, Meosotis; Dolan, Mary; Symborski, Mark
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Susan

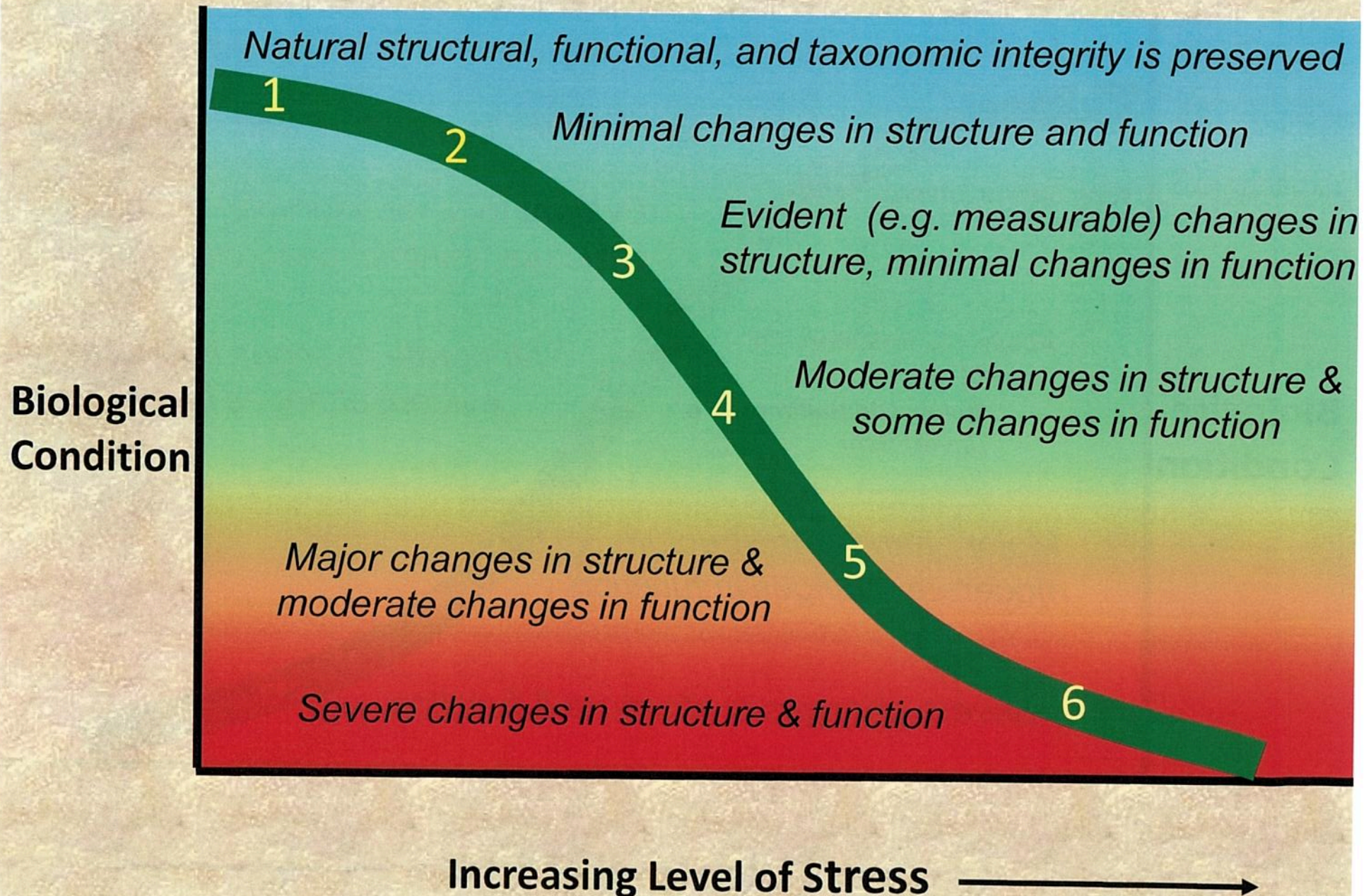
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Sent: Monday, April 01, 2013 1:10 PM
To: Pond, Greg
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Subject: Photos

Greg:

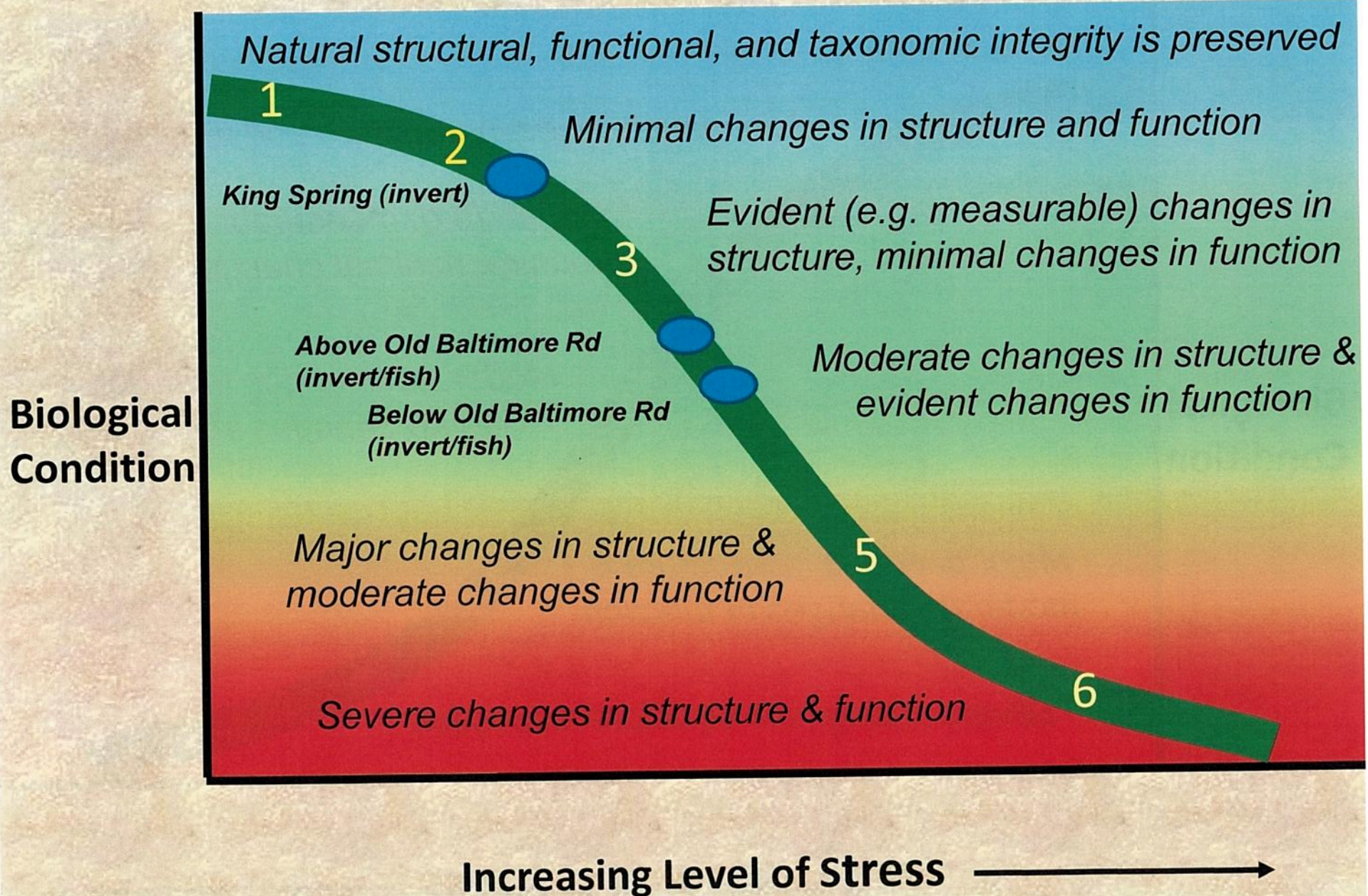
Here are some stream stations – hopefully they are illustrative of different habitat conditions. Bank001 – urban stream, img0059 – ag stream, hw308b – very nice stream, LSTM110 is a headwater stream in Ten Mile.

Keith

BIOLOGICAL CONDITION GRADIENT



BIOLOGICAL CONDITION GRADIENT



Jackson, Susank

From: Dolan, Mary <mary.dolan@montgomeryplanning.org>
Sent: Tuesday, April 02, 2013 4:58 PM
To: Jackson, Susank
Subject: RE: Some BCG slides that may be useful

Thanks. These will be helpful. Where do we stand on the conclusions of the report?

Mary

From: Jackson, Susank [mailto:Jackson.Susank@epa.gov]
Sent: Tuesday, April 02, 2013 2:14 PM
To: Dolan, Mary; Pond, Greg; Symborski, Mark; Van Ness, Keith
Cc: Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis; Pond, Greg
Subject: Some BCG slides that may be useful

Mary, Mark and Keith:

Attached are some slides from previous use that you may find appropriate. Maine info and photos are shown but the basic info is relevant to Montgomery County (Mo Co). We can also replace and modify with Mo Co photos and examples.

Please take a look and let me know what might be useful. You are certainly welcome to extract what you want right now.

Two of the slides have animation (17 and last one).

Susan

From: Jackson, Susank
Sent: Tuesday, April 02, 2013 8:57 AM
To: Pond, Greg; Dolan, Mary
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Some edits on draft report_will follow up with Greg later this morning

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Greg: I will follow up with you later this morning.

Susan

From: Pond, Greg
Sent: Monday, April 01, 2013 8:23 PM
To: Dolan, Mary; Jackson, Susank
Cc: Symborski, Mark; Van Ness, Keith; Jeroen.Gerritsen@tetrattech.com; Reynolds, Louis
Subject: Draft BCG report and Appendix B.

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Attached is a rough draft report that Susan, Jeroen, and I have been working on. We basically ran out of steam for now, but will be interested in your feedback and additions that dovetail into something meeting expectations for your hopes for a BCG and Tenmile Creek in particular. There are numerous placeholders for more information we need to flesh out (and Keith, you will see your name mentioned a few times and highlighted in yellow!). We think it would be great to have site photos across the tiers with description of impervious area, etc., and then photos of key indicator taxa (e.g., Attributes I-III).

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Please take a look and let us know where you'd like us to take this.

Greg

Greg Pond
U.S. EPA Region III
Office of Monitoring and Assessment
Freshwater Biology Laboratory
1060 Chapline St.
Wheeling, WV 26003
Ph: 304-234-0243
pond.greg@epa.gov

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Monday, April 01, 2013 5:25 PM
To: Jackson, Susank; Pond, Greg
Cc: Symborski, Mark
Subject: RE: Photos

Susan-

I'm leaving soon, are you sending something today? I'll either look at it later this evening from home or early in the morning.

Mary

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]
Sent: Monday, April 01, 2013 4:55 PM
To: Dolan, Mary; Jackson, Susank; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Still alive. Still here!

From: Dolan, Mary [<mailto:mary.dolan@montgomeryplanning.org>]
Sent: Monday, April 01, 2013 4:54 PM
To: Jackson, Susank; Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Symborski, Mark
Subject: RE: Photos

Mark and I are still in the office. I don't know about Keith.

Mary

From: Jackson, Susank [<mailto:Jackson.Susank@epa.gov>]
Sent: Monday, April 01, 2013 4:51 PM
To: Van Ness, Keith; Pond, Greg
Cc: Curtis, Meosotis; Dolan, Mary; Symborski, Mark
Subject: RE: Photos

Hello Keith and Mark,

Greg and I are near finish with a very rough draft of the report. Greg just had his phone lines taken down (repair work) so he is offline at the moment. We are writing up results and at least bulleting key conclusions.

I can send to you all shortly if you are still in office. Would like your feedback on whether we are heading in the right direction. Or, if too late, can send first thing in the morning. We plan to revise and clean up this very preliminary report before sending to you at end of the day tomorrow but wanted some initial feedback.

Susan

From: Van Ness, Keith [<mailto:Keith.VanNess@montgomerycountymd.gov>]
Sent: Monday, April 01, 2013 1:10 PM
To: Pond, Greg
Cc: Jackson, Susank; Curtis, Meosotis; Dolan, Mary; Symborski, Mark
Subject: Photos

Greg:

Here are some stream stations – hopefully they are illustrative of different habitat conditions. Bank001 – urban stream, img0059 – ag stream, hw308b – very nice stream, LSTM110 is a headwater stream in Ten Mile.

Keith

Jackson, Susank

From: Jackson, Susank
Sent: Tuesday, April 02, 2013 5:26 PM
To: Dolan, Mary
Subject: RE: Some BCG slides that may be useful

Hi Mary –

I am working on tailoring some slides for Mo CO. Will send those to you shortly.

I have a revised draft, Greg just got some comments on appendix B (the BCG calibration) from workshop participants. He is working on revising the table tonight.

I intend to send him a revised draft and slides before I leave tonight and will cc you. There may be some final edits tomorrow morning once the dust has settled (in our brains, I mean!).

Susan

From: Dolan, Mary [mailto:mary.dolan@montgomeryplanning.org]
Sent: Tuesday, April 02, 2013 4:58 PM
To: Jackson, Susank
Subject: RE: Some BCG slides that may be useful

Thanks. These will be helpful. Where do we stand on the conclusions of the report?

Mary

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